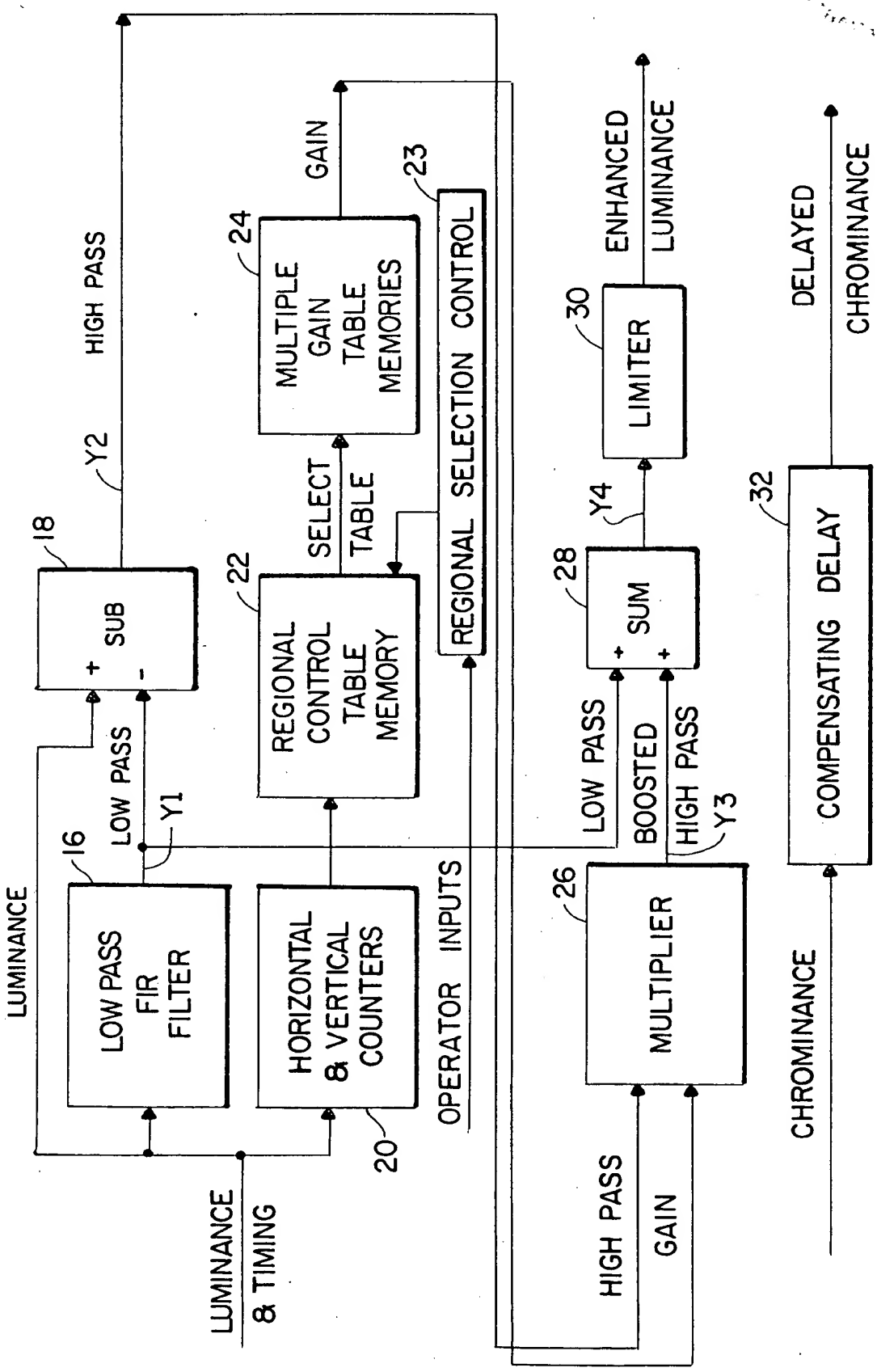
LUMINANCE & TIMING
LUMINANCE
LOW PASS FIR FILTER
16
HORIZONTAL & VERTICAL COUNTERS
20
LOW PASS
Y1
HIGH PASS
Y2
SUB
+
-
18
REGIONAL CONTROL TABLE MEMORY
22
SELECT TABLE
MULTIPLE GAIN TABLE MEMORIES
24
GAIN
REGIONAL SELECTION CONTROL
23
OPERATOR INPUTS
LOW PASS
BOOSTED
HIGH PASS
Y3
MULTIPLIER
26
HIGH PASS
GAIN
SUM
28
Y4
LIMITER
30
ENHANCED LUMINANCE
COMPENSATING DELAY
32
DELAYED CHROMINANCE
CHROMINANCE

FIG. 3